

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

October 29, 1954

Washington 25, D. C.

Vol. 3, No. 42

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 23, 1954

For the current week, a total of 805 cases of infectious hepatitis was reported as compared with 619 for the corresponding week of last year. For the previous 2 weeks, 670 and 613 cases, respectively, were reported. Since the first of the year, a total of 42,606 cases has been reported as compared with 26,389 for the corresponding period of 1953.

There were 1,394 cases of poliomyelitis reported this week as compared with 1,651 for the previous week. In Florida there were only 53 cases reported as compared with 202 for last week.

The cumulative total cases of poliomyelitis for the year to date is now 33,089 as compared with 31,385 for the corresponding period of 1953. For the "disease year," which began about April 1, the cumulative total is 31,536 as compared with 29,804 for the corresponding period of last year.

The third monthly report of the California current morbidity project shows that over 1,900,000 persons, or about 2 out of every 13 in the State, were disabled for 1 day or more during August 1954, because of illness or injury.

Six hundred and ninety thousand persons had colds or other acute upper respiratory diseases during the month. Of these, 360,000, or more than half were disabled for 1 day or more. An estimated 370,000 persons had acute gastro-intestinal disorders; and of these, 150,000 were disabled for 1 day or more. Time lost as counted in the survey includes all days on which a person was kept in bed, kept from going out of doors, or otherwise kept from his usual activities because of illness or injury.

On the average, 60 out of every 1,000 persons were disabled by illness or injury each day in August. About 75 percent of these were disabled by chronic conditions. Four persons out of every 1,000 were disabled by colds and other acute upper respiratory conditions, while 2 out of every 1,000 were disabled by acute gastro-intestinal disorders.

On the average, 35 out of every 1,000 workers were kept from work each day during August because of illness or injury. Among housewives, a daily average of 60 out of every 1,000 were forced to cut down on their housework because of illness or injury.

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Botulism

The California Department of Public Health gives information regarding the 2 outbreaks suspected to be botulism. One group of 4 cases was not botulism. In the other group, there were only 2 cases instead of 3 as previously reported. The suspected source of illness among the latter group was home-canned okra. Laboratory and typing tests are not yet complete.

Psittacosis

Dr. Mason Romaine, Virginia Department of Health, reports a case of psittacosis. The complement fixation test on a blood specimen was positive for psittacosis in a dilution of 1:16. The patient and her husband have owned 2 birds, 1 of which is a parakeet, for 4½ years. The husband has not been ill and the birds are not known to have been sick. The patient was also in contact with a friend's bird which had been purchased from a local

store. An investigation revealed that this store has had sick birds from time to time, and that some of them have died. No birds have been examined for evidence of the disease.

Rabies in man

The North Carolina State Board of Health reports a fatal case of human rabies. The victim was a 7-year-old boy who had been bitten by a stray dog. Lesions were inflicted on the chest, hand, and flank of the boy. The family physician advised anti-rabies therapy, but the boy did not return for the treatment. About 26 days following the injury, the patient became ill and died.

Encephalitis

In the course of a surveillance program on encephalitis in California, examination of laboratory specimens has revealed a preponderance of cases of the St. Louis type of infection in arthropod-borne forms of the disease. The number of positive cases to date of the St. Louis infection now totals 77 from 17 counties as compared with 21 laboratory proved cases of western equine infections from 7 counties. On the other hand, of 809 pools of mosquitoes examined in the laboratory, 140 were positive for the western equine type and 75 for the St. Louis type of infections. During the period when the two arthropod-borne types of disease have been occurring, i.e., July through September, there were 12 laboratory confirmed cases of measles encephalitis, 47 of mumps, and 2 of chickenpox.

Infectious hepatitis

The New York State Department of Health reports 17 cases of infectious hepatitis. Of these, 12 were in a city block scheduled for slum clearance, and 5 were in 2 nearby sections. All the cases, except 1, were in children and gamma globulin was given to the children in these areas. No subsequent cases have been reported.

Gastro-enteritis

Dr. L. M. Schuman, Illinois Department of Public Health, reports an outbreak of gastro-enteritis which was traced to coconut cream pies. The pies were baked in a large local bakery, and 97 were distributed to restaurants and other customers over a wide area. Seventeen additional pies were for home distribution. All were cellophane wrapped but were carried in unrefrigerated trucks for a greater part of the day on their regular routes. The average incubation period was from 2 to 3 hours, and the illness was characterized by severe abdominal cramps, vomiting, diarrhea, and shock. Some persons ate the pies without any ill effects, and some became violently ill. Laboratory examination of one pie, which had been delivered to a restaurant, showed coagulase positive hemolytic *Staphylococcus aureus*.

Dr. H. T. Fuerst, New York City Department of Health, reports an outbreak of gastro-enteritis among 75 persons who ate in a cafeteria. Of these, 26 became ill from 2 to 4 hours after ingestion of corned beef. Bacteriological examination of the corned beef revealed the presence of hemolytic *Staphylococcus aureus*, but it is not known definitely how the beef became contaminated. The beef was cooked only in anticipation

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of need and was served shortly after cooking was completed. However, part of the meat remained at room temperature from the 6:00 p.m. meal until served at 11:00 p.m.

Dr. C. M. Steward, District Health Officer, New York State Department of Health, reports an outbreak of gastro-enteritis which affected 121 persons in a camp. The illness was characterized by mild diarrhea, vomiting, epigastric distress, and fever. Food was not considered to be implicated, and laboratory examination revealed that water was not the vehicle of infection. The infection was probably introduced by 2 campers, who had the disease on the day they arrived, and it was spread by contact.

Dr. Milton Tully, District Health Officer, New York State

Department of Health, gives preliminary information on an outbreak of gastro-enteritis which occurred in a school. The illness was confined to 400 children who ate lunch prepared by the school. The number of cases was unknown but was less than 250, which was the total number absent the second day following the meal. The incubation period was given as 30 hours. Potato salad was suspected to be the vehicle of infection. The salad was kept unrefrigerated for at least 3 hours before being served. Reports of laboratory examinations of the salad and mayonnaise, and stool specimens of patients and food handlers are not yet available.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	42d week			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 23, 1954	Ended Oct. 24, 1953	Median 1949-53	First 42 weeks			Since seasonal low week			
				1954	1953	Median 1949-53	1953-54	1952-53	Median 1948-49 to 1952-53	
Anthrax-----062	-	1	1	18	26	39	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	-	-	---	10	15	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	37	34	---	² 1,383	1,493	---	(¹)	(¹)	(¹)	(¹)
Diphtheria-----055	72	100	110	1,491	1,776	3,079	619	724	1,109	July 1
Encephalitis, infectious-----082	49	24	24	1,637	939	863	(¹)	(¹)	(¹)	(¹)
Hepatitis, infectious, and serum-----092,N998.5 pt.	805	619	---	42,606	26,389	---	(¹)	(¹)	(¹)	(¹)
Malaria-----110-117	18	17	---	620	1,285	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	2,025	1,463	1,107	637,998	417,846	476,243	10,170	7,168	5,725	Sept. 1
Meningococcal infections-----057	54	81	72	3,431	4,253	3,335	415	468	416	Sept. 1
Poliomyelitis-----080	1,394	1,030	1,147	³ 33,089	31,385	31,385	³ 31,536	29,804	29,804	Apr. 1
Psittacosis-----096.2	⁴ 4	-	---	413	43	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	⁵ 1	-	-	6	10	10	(¹)	(¹)	(¹)	(¹)
Rocky Mountain spotted fever-----104A	1	3	3	273	283	314	(¹)	(¹)	(¹)	(¹)
Scarlet fever and streptococcal sore throat-----050,051	1,516	1,567	795	⁶ 123,256	111,979	62,339	⁶ 15,515	12,372	5,159	Aug. 1
Smallpox-----084	-	-	-	-	4	14	(¹)	(¹)	(¹)	(¹)
Trichiniasis-----128	3	11	---	204	327	---	(¹)	(¹)	(¹)	(¹)
Tularemia-----059	12	8	8	492	451	547	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	59	62	54	1,919	1,942	2,107	1,509	1,637	1,688	Apr. 1
Typhus fever, endemic-----101	1	6	---	159	211	---	125	171	---	Apr. 1
Whooping cough-----056	1,147	783	993	47,252	29,455	50,780	3,491	2,236	2,676	Oct. 1
Rabies in animals-----	95	114	---	5,717	5,993	---	(¹)	(¹)	(¹)	(¹)

¹Information not available or frequencies are too small.

²Deduction: Georgia, week ended October 10, 1 case.

³Deductions: Georgia and Indiana, week ended October 9, 1 and 3 cases, respectively; Indiana, week ended October 16, 1 case.

⁴New York, Pennsylvania, Virginia, and Wisconsin, 1 case each.

⁵Reported in North Carolina.

⁶Additions: Idaho and New Mexico, week ended October 16, 5 and 8 cases, respectively.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 24, 1953, AND OCTOBER 23, 1954

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER) (044)		DIPHTHERIA (055)		ENCEPHALITIS, INFECTIOUS (082)		HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.)		MALARIA (110-117)			
									Civilian ¹		Military	
	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953	1954	1953
CONT. UNITED STATES-----	37	34	72	100	49	24	805	619	11	7	7	10
NEW ENGLAND-----	-	2	1	1	2	1	44	50	-	-	-	1
Maine-----	-	-	-	-	-	-	11	8	-	-	-	-
New Hampshire-----	-	-	-	1	-	-	-	2	-	-	-	-
Vermont-----	-	1	-	-	-	-	5	3	-	-	-	-
Massachusetts-----	-	-	1	-	2	1	18	29	-	-	-	1
Rhode Island-----	-	-	-	-	-	-	2	-	-	-	-	-
Connecticut-----	-	1	-	-	-	-	8	8	-	-	-	-
MIDDLE ATLANTIC-----	2	3	1	5	6	6	166	116	-	-	1	1
New York-----	1	2	-	-	6	6	115	92	-	-	1	-
New Jersey-----	-	-	1	3	-	-	12	6	-	-	-	1
Pennsylvania-----	1	1	-	2	-	-	41	18	-	-	-	-
EAST NORTH CENTRAL-----	12	10	1	-	3	2	194	73	2	-	-	1
Ohio-----	-	-	-	-	-	1	17	15	2	-	-	-
Indiana-----	-	1	-	-	2	-	19	20	-	-	-	-
Illinois-----	6	5	-	-	1	-	131	22	-	-	-	1
Michigan-----	4	4	1	-	-	1	15	9	-	-	-	-
Wisconsin-----	2	-	-	-	-	-	12	7	-	-	-	-
WEST NORTH CENTRAL-----	10	8	4	2	6	5	83	73	-	2	-	-
Minnesota-----	1	1	-	1	1	-	33	32	-	2	-	-
Iowa-----	7	4	-	-	-	-	35	22	-	-	-	-
Missouri-----	-	1	-	1	-	-	7	11	-	-	-	-
North Dakota-----	-	-	-	-	-	2	2	1	-	-	-	-
South Dakota-----	-	-	-	-	-	1	1	3	-	-	-	-
Nebraska-----	-	-	4	-	1	-	1	2	-	-	-	-
Kansas-----	2	2	-	-	4	2	4	2	-	-	-	-
SOUTH ATLANTIC-----	4	3	24	62	1	2	67	94	-	-	1	3
Delaware-----	-	-	-	-	-	-	2	-	-	-	-	-
Maryland-----	-	-	-	-	-	1	2	7	-	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	1	-	-	-	-
Virginia-----	2	1	-	5	1	-	39	20	-	-	1	1
West Virginia-----	-	-	-	-	-	1	6	23	-	-	-	-
North Carolina-----	-	1	4	12	-	-	12	40	-	-	-	-
South Carolina-----	1	-	3	14	-	-	-	-	-	-	-	1
Georgia-----	1	1	14	22	-	-	2	-	-	-	-	1
Florida-----	-	-	3	9	-	-	3	3	-	-	-	-
EAST SOUTH CENTRAL-----	2	1	13	16	3	-	41	77	-	-	2	-
Kentucky-----	-	-	2	4	-	-	14	9	-	-	2	-
Tennessee-----	2	-	-	5	1	-	8	8	-	-	-	-
Alabama-----	-	1	6	7	1	-	15	7	-	-	-	-
Mississippi-----	-	-	5	2	1	-	4	53	-	-	-	-
WEST SOUTH CENTRAL-----	5	4	20	11	10	1	48	31	7	2	1	1
Arkansas-----	3	2	-	-	1	-	4	7	-	-	1	-
Louisiana-----	-	-	18	3	-	-	4	-	1	-	-	1
Oklahoma-----	-	-	-	-	-	-	5	1	1	-	-	-
Texas-----	2	2	2	8	9	1	35	23	5	2	-	-
MOUNTAIN-----	-	1	-	-	2	3	46	13	-	1	-	-
Montana-----	-	-	-	-	-	2	1	3	-	-	-	-
Idaho-----	-	-	-	-	-	-	13	5	-	-	-	-
Wyoming-----	-	1	-	-	-	-	2	-	-	-	-	-
Colorado-----	-	-	-	-	2	-	4	1	-	-	-	-
New Mexico-----	-	-	-	-	-	-	1	-	-	1	-	-
Arizona-----	-	-	-	-	-	1	25	3	-	-	-	-
Utah-----	-	-	-	-	-	-	-	1	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	2	2	8	3	16	4	116	92	2	2	2	3
Washington-----	-	1	-	-	-	-	21	28	-	-	1	-
Oregon-----	-	-	-	-	-	-	67	19	-	-	-	-
California-----	2	1	8	3	16	4	28	45	2	2	1	3
Alaska-----	-	-	-	1	-	-	1	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	1	5	5	-	-	2	5	-	1	-	-

¹Includes cases not specified as civilian or military.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 24, 1953, AND OCTOBER 23, 1954—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MEASLES (085)		MENINGO- COCCAL INFECTIONS (057)		POLIOMYELITIS (080)						ROCKY MOUNTAIN SPOTTED FEVER (104A)	
	1954	1953	1954	1953	Total ²		Paralytic (080.0,080.1)		Nonparalytic (080.2)		1954	1953
					1954	1953	1954	1953	1954	1953		
CONT. UNITED STATES-----	2,025	1,463	54	81	1,394	1,030	514	378	362	204	1	3
NEW ENGLAND-----	575	88	1	6	122	64	28	22	45	9	-	-
Maine-----	54	66	-	1	5	5	3	3	2	2	-	-
New Hampshire-----	16	-	-	-	10	6	-	-	-	-	-	-
Vermont-----	121	14	-	1	4	4	3	-	1	-	-	-
Massachusetts-----	313	4	-	4	68	26	10	15	38	2	-	-
Rhode Island-----	6	-	-	-	11	10	-	1	-	-	-	-
Connecticut-----	65	4	1	-	24	13	12	3	4	5	-	-
MIDDLE ATLANTIC-----	384	200	9	12	264	215	42	63	36	19	-	-
New York-----	245	89	8	5	138	135	42	51	36	14	-	-
New Jersey-----	90	21	-	4	58	23	-	12	-	5	-	-
Pennsylvania-----	49	90	1	3	68	57	-	-	-	-	-	-
EAST NORTH CENTRAL-----	349	186	7	25	343	265	134	86	92	48	-	-
Ohio-----	93	21	-	5	85	79	27	16	19	8	-	-
Indiana-----	18	17	4	4	60	10	23	-	4	-	-	-
Illinois-----	35	45	-	5	100	59	49	32	29	9	-	-
Michigan-----	168	74	2	5	71	85	26	38	35	31	-	-
Wisconsin-----	35	29	1	6	27	32	9	-	5	-	-	-
WEST NORTH CENTRAL-----	130	65	6	-	121	124	46	32	42	14	-	-
Minnesota-----	94	1	2	-	23	55	14	13	4	9	-	-
Iowa-----	12	24	1	-	34	11	10	7	16	1	-	-
Missouri-----	2	1	2	-	32	30	12	11	12	2	-	-
North Dakota-----	16	22	1	-	1	9	-	-	1	2	-	-
South Dakota-----	-	8	-	-	9	7	1	-	5	-	-	-
Nebraska-----	2	2	-	-	17	2	6	-	4	-	-	-
Kansas-----	4	7	-	-	5	10	3	1	-	-	-	-
SOUTH ATLANTIC-----	104	81	5	9	156	99	94	48	32	31	1	3
Delaware-----	-	1	-	-	6	1	4	1	2	-	-	-
Maryland-----	11	21	-	-	12	21	8	16	4	5	-	1
District of Columbia-----	2	2	-	1	3	2	2	-	-	-	-	-
Virginia-----	17	15	1	3	25	12	16	6	9	4	1	-
West Virginia-----	47	23	3	-	14	16	11	9	1	4	-	-
North Carolina-----	17	8	-	1	16	16	7	7	6	5	-	2
South Carolina-----	1	-	-	-	6	2	1	-	1	-	-	-
Georgia-----	2	7	1	4	21	6	6	1	2	3	-	-
Florida-----	7	4	-	-	53	23	39	8	7	10	-	-
EAST SOUTH CENTRAL-----	29	127	5	6	53	31	23	11	10	7	-	-
Kentucky-----	13	86	-	3	26	13	17	6	6	5	-	-
Tennessee-----	8	13	2	2	15	11	5	5	1	1	-	-
Alabama-----	5	24	3	1	5	5	-	-	3	-	-	-
Mississippi-----	3	4	-	-	7	2	1	-	-	1	-	-
WEST SOUTH CENTRAL-----	174	158	7	8	121	38	44	21	41	6	-	-
Arkansas-----	18	6	2	1	7	7	5	5	-	-	-	-
Louisiana-----	1	7	1	-	10	4	6	2	4	2	-	-
Oklahoma-----	1	2	1	1	25	3	1	-	4	1	-	-
Texas-----	154	143	3	6	79	24	32	14	33	3	-	-
MOUNTAIN-----	86	225	3	3	60	25	15	4	9	7	-	-
Montana-----	1	88	-	-	4	3	3	1	1	2	-	-
Idaho-----	4	27	1	1	6	3	-	-	-	-	-	-
Wyoming-----	2	10	-	-	9	4	4	2	1	-	-	-
Colorado-----	7	28	2	1	12	2	5	-	2	2	-	-
New Mexico-----	7	10	-	-	12	3	-	-	4	-	-	-
Arizona-----	64	4	-	1	5	5	3	1	1	3	-	-
Utah-----	1	58	-	-	10	5	-	-	-	-	-	-
Nevada-----	-	-	-	-	2	-	-	-	-	-	-	-
PACIFIC-----	194	333	11	12	154	169	88	91	55	63	-	-
Washington-----	39	106	3	1	18	15	7	-	5	-	-	-
Oregon-----	10	36	-	3	21	9	13	5	6	4	-	-
California-----	145	191	8	8	115	145	68	86	44	59	-	-
Alaska-----	1	64	-	-	10	-	9	-	-	-	-	-
Hawaii-----	22	2	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	59	32	-	-	2	-	2	-	-	-	-	-

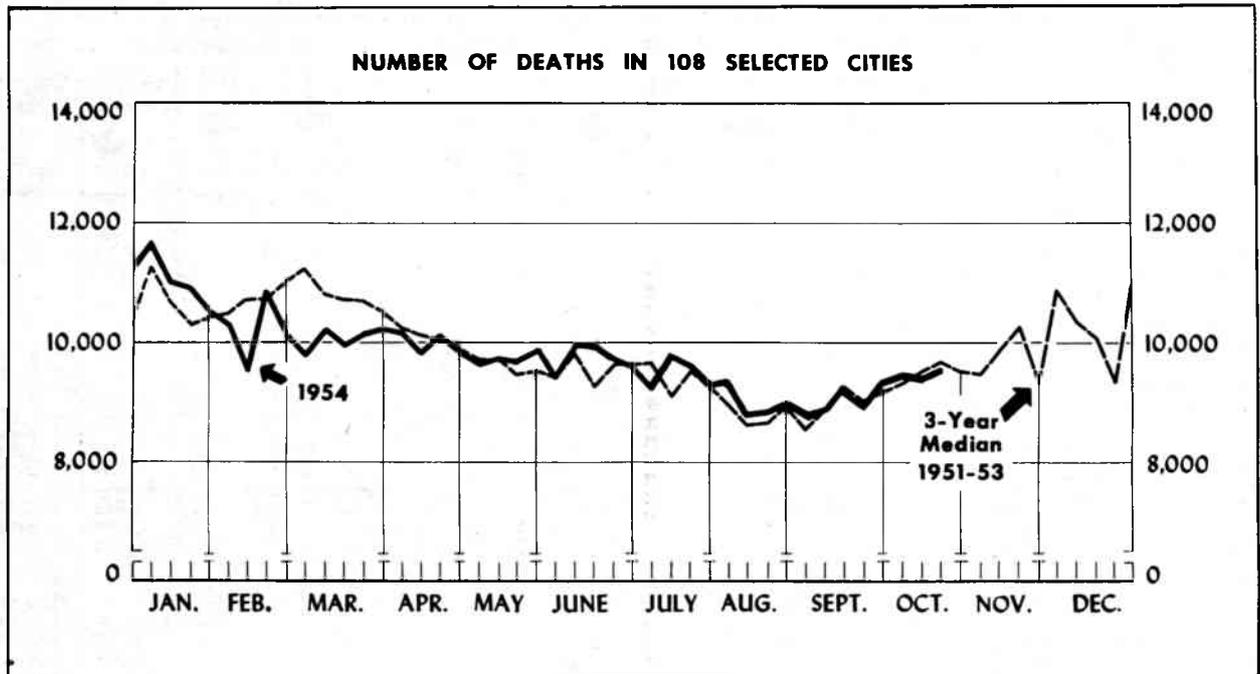
²Includes cases not specified by type, category number (080.3).

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 24, 1953, AND OCTOBER 23, 1954—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051)		TRICHINIASIS (128)	TULAREMIA (059)		TYPHOID FEVER (040)		TYPHUS FEVER, ENDEMIC (101)	WHOOPING COUGH (056)		RABIES IN ANIMALS	
	1954	1953	1954	1954	1953	1954	1953	1954	1954	1953	1954	1953
CONT. UNITED STATES-----	1,516	1,567	3	12	8	59	62	1	1,147	783	95	114
NEW ENGLAND-----	76	84	-	-	-	-	-	-	132	73	-	-
Maine-----	7	10	-	-	-	-	-	-	5	-	-	-
New Hampshire-----	4	19	-	-	-	-	-	-	6	4	-	-
Vermont-----	3	7	-	-	-	-	-	-	1	10	-	-
Massachusetts-----	39	32	-	-	-	-	-	-	64	45	-	-
Rhode Island-----	1	3	-	-	-	-	-	-	3	1	-	-
Connecticut-----	22	13	-	-	-	-	-	-	53	13	-	-
MIDDLE ATLANTIC-----	78	116	3	-	-	11	7	1	173	208	23	16
New York-----	43	50	3	-	-	2	2	1	88	115	22	16
New Jersey-----	12	21	-	-	-	1	3	-	31	28	-	-
Pennsylvania-----	23	45	-	-	-	8	2	-	54	65	1	-
EAST NORTH CENTRAL-----	175	301	-	-	-	9	6	-	232	175	8	12
Ohio-----	40	61	-	-	-	2	-	-	50	29	1	-
Indiana-----	46	107	-	-	-	-	1	-	31	11	3	6
Illinois-----	36	45	-	-	-	-	5	-	49	20	1	4
Michigan-----	34	56	-	-	-	7	-	-	84	82	1	2
Wisconsin-----	19	32	-	-	-	-	-	-	18	33	2	-
WEST NORTH CENTRAL-----	54	56	-	-	1	3	1	-	64	49	5	7
Minnesota-----	24	20	-	-	-	-	1	-	24	5	1	2
Iowa-----	13	6	-	-	-	-	-	-	20	8	3	2
Missouri-----	2	6	-	-	1	3	-	-	10	5	1	2
North Dakota-----	6	5	-	-	-	-	-	-	4	-	-	1
South Dakota-----	1	2	-	-	-	-	-	-	1	11	-	-
Nebraska-----	2	13	-	-	-	-	-	-	-	1	-	-
Kansas-----	6	4	-	-	-	-	-	-	5	19	-	-
SOUTH ATLANTIC-----	172	164	-	1	2	11	10	-	143	41	23	19
Delaware-----	2	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	6	8	-	-	-	2	-	-	17	9	1	-
District of Columbia-----	2	3	-	-	-	1	-	-	2	6	-	-
Virginia-----	57	57	-	-	-	2	2	-	16	2	3	7
West Virginia-----	13	27	-	-	-	3	5	-	77	17	5	6
North Carolina-----	29	33	-	1	1	-	2	-	13	-	5	-
South Carolina-----	7	6	-	-	-	2	-	-	16	1	4	3
Georgia-----	45	13	-	-	1	1	1	-	1	1	3	3
Florida-----	11	17	-	-	-	-	-	-	1	5	2	-
EAST SOUTH CENTRAL-----	55	77	-	2	-	7	13	-	143	110	10	26
Kentucky-----	24	26	-	-	-	5	9	-	81	98	-	9
Tennessee-----	10	33	-	1	-	2	1	-	23	1	2	8
Alabama-----	9	9	-	-	-	-	2	-	39	5	6	3
Mississippi-----	12	9	-	1	-	-	1	-	-	6	2	6
WEST SOUTH CENTRAL-----	532	531	-	5	3	13	14	-	115	63	24	32
Arkansas-----	22	27	-	2	-	9	1	-	22	7	4	3
Louisiana-----	7	5	-	-	1	1	3	-	5	4	4	-
Oklahoma-----	10	7	-	1	-	-	1	-	3	-	-	-
Texas-----	493	492	-	2	2	3	9	-	85	52	16	29
MOUNTAIN-----	190	50	-	3	2	4	9	-	18	18	1	-
Montana-----	3	3	-	-	-	-	1	-	-	3	-	-
Idaho-----	-	3	-	-	-	-	1	-	3	-	-	-
Wyoming-----	24	6	-	3	2	-	-	-	-	1	-	-
Colorado-----	20	23	-	-	-	-	-	-	6	2	-	-
New Mexico-----	21	2	-	-	-	3	4	-	1	10	-	-
Arizona-----	95	3	-	-	-	1	2	-	7	2	1	-
Utah-----	27	10	-	-	-	-	-	-	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	184	188	-	1	-	1	2	-	127	46	1	2
Washington-----	52	27	-	-	-	-	-	-	20	5	-	-
Oregon-----	45	18	-	-	-	-	-	-	13	8	-	-
California-----	87	143	-	1	-	1	2	-	94	33	1	2
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	6	2	-	-
Puerto Rico-----	-	-	-	-	-	-	3	-	60	1	-	2

Report for September.



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between

death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	42d week ended Oct. 23, 1954	41st week ended Oct. 16, 1954	42d week median 1951-53	Percent change, median to current week	CUMULATIVE NUMBER FOR FIRST 42 WEEKS		
					1954	1953	Percent change
TOTAL: 104 REPORTING CITIES-----	9,438	9,352	9,655	-2.2	406,622	420,693	-3.3
New England----- (14 cities)	597	655	709	-15.8	27,167	27,805	-2.3
Middle Atlantic----- (17 cities)	2,800	2,887	2,879	-2.7	120,011	125,621	-4.5
East North Central----- (18 cities)	2,022	2,014	2,149	-5.9	89,460	93,321	-4.1
West North Central----- (8 cities)	712	691	733	-2.9	29,509	30,832	-4.3
South Atlantic----- (9 cities)	699	659	729	-4.1	31,185	32,369	-3.7
East South Central----- (8 cities)	421	450	422	-0.2	19,165	19,774	-3.1
West South Central----- (11 cities)	750	642	693	+8.2	30,442	30,582	-0.5
Mountain----- (7 cities)	205	200	235	-12.8	8,925	9,586	-6.9
Pacific----- (12 cities)	1,232	1,154	1,187	+3.8	50,758	50,803	-0.1

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 23, 1954

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	42d week ended Oct. 23, 1954	41st week ended Oct. 16, 1954	CUMULATIVE NUMBER FOR FIRST 42 WEEKS		CITY	42d week ended Oct. 23, 1954	41st week ended Oct. 16, 1954	CUMULATIVE NUMBER FOR FIRST 42 WEEKS	
			1954	1953				1954	1953
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston-----	197	222	9,131	9,356	St. Louis-----	243	229	9,672	10,193
Bridgeport-----	45	21	1,463	1,393	St. Paul-----	56	78	2,671	2,655
Cambridge-----	27	26	1,134	1,152	Wichita-----	35	45	1,781	1,687
Fall River-----	17	28	1,126	1,166	SOUTH ATLANTIC				
Hartford-----	36	51	1,894	1,895	Atlanta-----	106	91	4,342	4,519
Lowell-----	25	27	1,115	1,062	Baltimore-----	218	201	8,859	9,425
Lynn-----	12	17	880	923	Charlotte-----	35	25	1,242	1,205
New Bedford-----	21	25	932	966	Jacksonville-----	(40)	(43)	(2,028)	---
New Haven-----	36	42	1,753	1,806	Miami-----	25	53	2,577	2,465
Providence-----	58	52	2,517	2,489	Norfolk-----	37	20	1,201	1,329
Somerville-----	21	21	593	627	Richmond-----	56	51	2,603	2,676
Springfield, Mass.-----	29	45	1,609	1,632	Savannah-----	(15)	---	---	---
Waterbury-----	26	19	967	1,101	Tampa-----	41	57	2,169	2,190
Worcester-----	47	59	2,053	2,237	Washington, D. C.-----	141	133	6,839	7,382
MIDDLE ATLANTIC					EAST SOUTH CENTRAL				
Albany-----	38	49	1,879	1,899	Birmingham-----	76	67	3,047	3,050
Allentown-----	(47)	(33)	(1,400)	---	Chattanooga-----	26	43	1,796	1,876
Buffalo-----	143	135	5,596	5,976	Knoxville-----	22	25	1,396	1,364
Camden-----	33	50	1,544	1,526	Louisville-----	98	82	4,416	4,414
Elizabeth-----	28	20	1,151	1,126	Memphis-----	88	129	4,036	4,445
erie-----	25	25	1,390	1,412	Mobile-----	41	32	1,328	1,316
Jersey City-----	68	70	2,817	2,867	Montgomery-----	33	20	1,089	1,129
Newark, N. J.-----	92	100	4,018	4,323	Nashville-----	37	52	2,057	2,180
New York City-----	1,474	1,551	63,130	65,881	WEST SOUTH CENTRAL				
Paterson-----	37	38	1,567	1,619	Austin-----	---	(23)	---	(1,058)
Philadelphia-----	442	439	19,048	20,285	Baton Rouge-----	30	22	882	658
Pittsburgh-----	138	132	6,586	7,127	Corpus Christi-----	---	(14)	---	(701)
Reading-----	(22)	(22)	(842)	---	Dallas-----	100	112	4,153	3,965
Rochester, N. Y.-----	83	88	3,757	3,931	El Paso-----	20	28	1,091	1,163
Schenectady-----	34	14	1,020	987	Fort Worth-----	67	44	2,324	2,376
Scranton-----	(30)	(19)	(1,400)	---	Houston-----	118	92	4,990	5,169
Syracuse-----	58	59	2,281	2,275	Little Rock-----	38	37	1,681	1,784
Trenton-----	62	63	1,868	1,942	New Orleans-----	165	141	6,177	6,594
Utica-----	24	22	1,249	1,320	Oklahoma City-----	58	34	2,434	2,239
Yonkers-----	21	32	1,110	1,125	San Antonio-----	78	77	3,213	3,372
EAST NORTH CENTRAL					MOUNTAIN				
Akron-----	45	54	2,257	2,383	Albuquerque-----	22	27	1,094	1,116
Canton-----	37	27	1,174	1,182	Colorado Springs-----	---	(18)	---	(564)
Chicago-----	649	668	29,671	30,984	Denver-----	105	85	4,181	4,505
Cincinnati-----	131	120	5,756	6,257	Ogden-----	15	6	464	510
Cleveland-----	184	180	8,186	8,576	Phoenix-----	14	16	843	942
Columbus-----	100	69	4,124	4,316	Pueblo-----	12	23	551	576
Dayton-----	62	49	2,605	2,549	Salt Lake City-----	36	36	1,622	1,730
Detroit-----	301	315	12,753	13,206	Tucson-----	1	7	170	207
Evansville-----	24	23	1,224	1,351	PACIFIC				
Flint-----	37	37	1,560	1,506	Berkeley-----	18	21	736	697
Fort Wayne-----	14	28	1,066	1,299	Long Beach-----	53	46	2,006	1,935
Gary-----	(28)	(30)	(1,069)	---	Los Angeles-----	390	404	17,971	18,296
Grand Rapids-----	48	44	1,636	1,617	Oakland-----	83	101	3,830	3,899
Indianapolis-----	104	108	4,574	4,652	Pasadena-----	31	29	1,360	1,416
Milwaukee-----	109	102	5,020	5,089	Portland, Oreg.-----	109	75	4,065	4,096
Peoria-----	23	20	1,237	1,304	Sacramento-----	55	36	1,887	1,925
South Bend-----	26	28	956	970	San Diego-----	66	86	3,005	2,927
Toledo-----	85	85	3,649	3,841	San Francisco-----	224	170	7,628	7,783
Youngstown-----	43	57	2,012	2,239	Seattle-----	119	118	5,014	4,751
WEST NORTH CENTRAL					SOUTH WEST CENTRAL				
Des Moines-----	48	50	2,082	2,059	Spokane-----	44	32	1,849	1,733
Duluth-----	20	15	1,109	1,134	Tacoma-----	40	36	1,407	1,345
Kansas City, Kans.-----	---	---	---	(1,402)	Honolulu-----	(33)	(29)	(1,403)	(1,329)
Kansas City, Mo.-----	109	102	4,917	5,117					
Minneapolis-----	136	115	4,741	5,282					
Omaha-----	65	57	2,536	2,705					

Symbols.—parentheses [()]: data not included in table 3; 3 dashes [---]: data not available.

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